

Maple, Sugar *Acer saccharum* [2]  
Tend to struggle in alkaline soils and prone to leaf scorch; however, tolerant cultivars available. Use tree wrap to protect bark during the winter months.

Height: 50'  
Spread: 40'  
Shape: Round  
Recommended: Fall Fiesta, Lord Selkirk, Unity

Maple, Tatarian *Acer tataricum* [2]  
More tolerant to alkaline soils and drought than Amur Maple. Use tree wrap to protect the bark during the winter months.

Height: 25'  
Spread: 20'  
Shape: Oval  
Recommended: Hot Wings, Pattern Perfect, Rugged Charm

Mountain ash, Oakleaf *Sorbus hybrida* [1]  
Leaves are similar in shape of Oak (*Quercus*) leaves. White flowers mid-spring, red berries in the fall. Excellent Disease resistance.

Height: 25'  
Spread: 20'  
Shape: Oval  
Moisture: Moist  
Salt Tolerance: Sensitive  
Fall Color: Orange - Yellow  
Boulevard: Small

Mountain ash, Showy *Sorbus decora* [1]  
Hardest Mountain ash. White flowers in late spring. Large clusters of red fruit in the fall. Moderate resistance to Fireblight.

Height: 25'  
Spread: 20'  
Shape: Oval  
Moisture: Moist  
Salt Tolerance: Sensitive  
Fall Color: Red - Orange  
Boulevard: Small

Oak, Bur *Quercus macrocarpa* [1]  
Very drought resistant and tolerant to a wide range of soil types, unlike other Oak species.

Height: 65'  
Spread: 60'  
Shape: Round  
Moisture: Dry - Wet  
Salt Tolerance: Moderate  
Fall Color: NA  
Boulevard: Large

Oak, Swamp White *Quercus bicolor* [1]  
Iron Chlorosis can be an issue in alkaline soils.

Height: 45'  
Spread: 45'  
Shape: Round  
Moisture: Moist - Wet  
Salt Tolerance: Sensitive  
Fall Color: NA  
Boulevard: Large

\*Pear, Flowering *Pyrus ussuriensis* [1]  
White flowers bloom in late April. Leaves are semi-glossy. Resistance to Fireblight. Chlorosis can be an issue in alkaline soils.

Height: 30'  
Spread: 20'  
Shape: Oval  
Moisture: Dry - Moist  
Salt Tolerance: Sensitive  
Fall Color: Yellow  
Boulevard: Small  
Recommended: Mountain Frost, Prairie Gem

Pine, Ponderosa *Pinus ponderosa* [2]  
Retains needles all year long (conifer). Needles approximately 5 inches in length. Produces brown cones. Pine needle scale is a common insect pest.

Height: 60'  
Spread: 30'  
Shape: Oval  
Moisture: Dry - Moist  
Salt Tolerance: Tolerant  
Boulevard: Extra Large

Pine, Scotch *Pinus sylvestris* [2]  
Retains needles all year long (conifer). Not as drought resistant as Ponderosa. Bark has a peeling, orange appearance in the upper portion. Needles approximately 3 inches in length. Produces grey-brown cones. Pine needle scale is a common insect pest.

Height: 45'  
Spread: 30'  
Shape: Oval  
Moisture: Dry - Moist  
Salt Tolerance: Tolerant  
Boulevard: Extra Large

Plum, Black *Prunus nigra* [1]  
Produces no fruit. Fragrant white flowers late April. Choice tree for under power-lines.

Height: 15'  
Spread: 15'  
Shape: Round  
Moisture: Dry - Moist  
Salt Tolerance: Moderate  
Fall Color: Red - Yellow  
Boulevard: Small  
Recommended: Princess Kay

Serviceberry *Amelanchier* species [1]  
White flowers in early spring. Black berries in June. Berries make excellent jams and jellies.

Height: 15'  
Spread: 15'  
Shape: Round  
Moisture: Dry - Moist  
Salt Tolerance: Moderate  
Fall Color: Red - Orange  
Boulevard: Small  
Recommended: Allegheny, Autumn Brilliance

Walnut, Black *Juglans nigra* [2]  
Walnuts are edible in late fall, but hard to crack. Roots and plant material are allelopathic to other nearby plants, mostly perennials and vegetable gardens.

Height: 45'  
Spread: 30'  
Shape: Round  
Moisture: Dry - Moist  
Salt Tolerance: Tolerant  
Fall Color: Yellow  
Boulevard: Large

Willow, Laurel Leaf *Salix pentandra* [2]  
Glossy leaves. Tends to shed small branches easily in the wind.

Height: 40'  
Spread: 35'  
Shape: Round  
Moisture: Moist - Wet  
Salt Tolerance: Tolerant  
Fall Color: NA  
Boulevard: Large  
Recommended: Prairie Reflection

Trees that have potential to be added to the *Boulevard Tree Selection List* in the future:

Blue Beech *Carpinus caroliniana*  
American Beech *Fagus grandifolia*  
Butternut *Juglans cinerea*  
Goldspur Amur Cherry *Prunus maackii* 'Jefspur'  
Muckle Hybrid Plum *Prunus x nigrella* 'Muckle'  
Shooting Star Northern Pin Oak *Quercus ellipsoidalis* 'DurMarg'  
Urban Pinnacle Oak *Quercus macrocarpa* 'JFS-KW3'  
Prairie Stature Oak *Quercus x bimundorum* 'Midwest'  
Admiration Hybrid Oak *Quercus x jackiana* 'Jefmir'  
Tinkerbelle Lilac tree form *Syringa* 'Bailbelle'

# Boulevard Tree Selection List

Bismarck Forestry Division  
[701] 355-1733

Boulevard Planting Permit Requests Available Online  
[www.bismarck.org/forestry](http://www.bismarck.org/forestry)

Partners in Planting (PIP) Program  
REIMBURSEMENT RATE  
TIER [1] UP TO \$60 / TREE  
TIER [2] UP TO \$20 / TREE  
Send in your receipt once the boulevard tree(s) are planted to receive reimbursement!  
SEE INSERT FOR MORE DETAILS.

Boulevard Width Categories  
Small = 4' or larger  
[Recommended for areas with overhead utilities]  
Medium = 5 ½' or larger  
Large = 7' or larger  
Extra Large = 9 ½' or larger

\* Limited Availability



\*Alder, Manchurian *Alnus hirsuta* [1]  
Prefers a moist site; however, Prairie Horizon is the most drought tolerant of Alders. Prairie Horizon is approved for dry, difficult locations. Fruit considered ornamental interest.

Height: 40'  
Spread: 30'  
Shape: Oval  
Moisture: Dry - Moist  
Salt Tolerance: Sensitive  
Fall Color: Yellow  
Boulevard: Medium  
Recommended: Prairie Horizon

Buckeye, Ohio *Aesculus glabra* [1]  
One of the first trees to leaf out in the spring. Creamy, yellow flowers. Drought sensitive. Leaf scorch occurs during dry, hot weather causing leaves to drop early. Make sure to give extra water during these times. Seeds are golf ball size and spiny. No major insect pest issues.

Height: 35'  
Spread: 30'  
Shape: Round  
Moisture: Moist  
Salt Tolerance: Moderate  
Fall Color: Red - Yellow  
Boulevard: Medium  
Recommended: Autumn Splendor, Homestead

Catalpa, Northern *Catalpa speciosa* [1]  
Rugged appearance. Heart-shaped leaves and white/purple orchid-like flowers in midsummer. Long, brown seed pods in the fall.

Height: 50'  
Spread: 30'  
Shape: Upright  
Moisture: Dry - Wet  
Salt Tolerance: Moderate  
Fall Color: NA  
Boulevard: Extra Large



Forestry Division

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Coffeetree, Kentucky *Gymnocladus dioicus* [1]

One of the last trees to leaf out but retains leaves late into fall. Very fragrant flowers. Rugged bark considered ornamental interest. Filters shade.





**Height:** 60’  
**Spread:** 40’  
**Shape:** Oval  
**Moisture:** Dry - Moist  
**Salt Tolerance:** Moderate  
**Fall Color:** Yellow  
**Boulevard:** [Large](#)  
**\*Recommended:** Espresso (seedless), Stately Manor (seedless)




\*Corktree, Amur *Phellodendron amurense* [1]

Cork-like bark considered ornamental interest. Extremely adaptable. Clusters of berries are green and age to dark blue.





**Height:** 40’  
**Spread:** 35’  
**Shape:** Vase  
**Moisture:** Dry - Moist  
**Salt Tolerance:** Moderate  
**Fall Color:** Yellow  
**Boulevard:** [Medium](#)  
**Recommended:** His Majesty (fruitless), Macho (fruitless)



Crabapple, Flowering *Malus* hybrids [2]

Produces beautiful spring color with flowers ranging from white to deep pink.



**Height:** 30’ (varies)  
**Spread:** 25’ (varies)  
**Shape:** Varies  
**Moisture:** Dry - Moist  
**Salt Tolerance:** Moderate  
**Fall Color:** NA  
**Boulevard:** [Small](#)  
**Recommended:** Numerous

\*Elm *Ulmus* hybrids [2]

Dutch Elm Disease (DED) Resistant cultivars only. Listed cultivars show resistance to (DED). Elm leafminer can be an issue on Accolade and New Horizon.

**Height:** 40’+  
**Spread:** 35’+  
**Shape:** Vase  
**Recommended:** Accolade, Cathedral, Discovery, New Horizon, Patriot, Prairie Expedition, Princeton, Triumph, Valley Forge, Vanguard

**Moisture:** Dry - Moist  
**Salt Tolerance:** Moderate  
**Fall Color:** Yellow  
**Boulevard:** [Large](#)

\*Ginkgo *Ginkgo biloba* [1]

Unique fan-shaped leaves considered ornamental interest. Plant male cultivars only (see recommended). Prefer sheltered location.



**Height:** 45’  
**Spread:** 35’  
**Shape:** Pyramidal  
**Moisture:** Dry - Moist  
**Salt Tolerance:** Moderate  
**Fall Color:** Yellow  
**Boulevard:** [Large](#)  
**Recommended:** Autumn Gold (seedless), Princeton Sentry (seedless)



Hackberry, Common *Celtis occidentalis* [1]

Tolerates harsh urban conditions. Deep rooted. Rough, corky bark considered ornamental interest. Susceptible to Nipple Gall (aesthetic problem).



**Height:** 50’  
**Spread:** 45’  
**Shape:** Round  
**Moisture:** Dry - Moist  
**Salt Tolerance:** Sensitive  
**Fall Color:** Yellow  
**Boulevard:** [Large](#)  
**Recommended:** Delta



Hawthorn *Crataegus* species [1]

Very tolerant of drought to moist sites but will not tolerate areas with standing water. White - double pink flowers in June. Minimal, bright red fruit. Cedar-Apple Rust and Fireblight can be an issue.



**Height:** 15’  
**Spread:** 15’  
**Shape:** Varies  
**Moisture:** Dry - Moist  
**Salt Tolerance:** Sensitive  
**Fall Color:** NA  
**Boulevard:** [Small](#)  
**Recommended:** Thornless Cockspur, Crusader, Snowbird, Toba



Honeylocust, Thornless *Gleditsia triacanthos* var *inermis* [1]

Low maintenance tree. Do not fertilize after July as this will cause additional growth that will not harden off before winter temperatures arrive, dieback can occur. Filters shade.

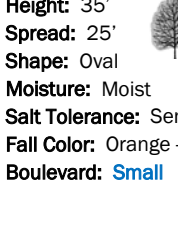




**Height:** 45’  
**Spread:** 35’  
**Shape:** Oval  
**Moisture:** Dry - Moist  
**Salt Tolerance:** Tolerant  
**Fall Color:** Yellow  
**Boulevard:** [Medium](#)  
**Recommended:** Northern Acclaim, Skyline, Imperial




Ironwood *Ostrya virginiana* [1]

Understory tree for planting in the shade of mature trees. Retains leaves into the winter. Bark exfoliates in long strips and is considered ornamental interest.



**Height:** 35’  
**Spread:** 25’  
**Shape:** Oval  
**Moisture:** Moist  
**Salt Tolerance:** Sensitive  
**Fall Color:** Orange - Yellow  
**Boulevard:** [Small](#)



Larch *Larix* species [1]

Very soft needles that drop every fall just like a deciduous tree. Small cones.



**Height:** 60’  
**Spread:** 25’  
**Shape:** Pyramidal  
**Moisture:** Moist  
**Salt Tolerance:** Tolerant  
**Fall Color:** Yellow  
**Boulevard:** [Medium](#)  
**Recommended:** American, Japanese, Siberian



Lilac, Japanese Tree *Syringa reticulata* [1]

Fragrant, creamy white flowers bloom in June. Leaves out in early spring, can suffer from frost damage.




**Height:** 30’  
**Spread:** 25’  
**Shape:** Pyramid - Round  
**Moisture:** Dry - Moist  
**Salt Tolerance:** Tolerant  
**Fall Color:** NA  
**Boulevard:** [Small](#)  
**Recommended:** Ivory Pillar, Ivory Silk, Snow Cap, Snowdance (seedless)



\*Lilac, Pekin *Syringa pekinensis* [1]

Exfoliating, copper colored bark. Fragrant, creamy white flowers bloom in June.

**Height:** 25’  
**Spread:** 25’  
**Shape:** Round  
**Recommended:** Copper Curls, Summer Charm




**Moisture:** Dry - Moist  
**Salt Tolerance:** Tolerant  
**Fall Color:** NA  
**Boulevard:** [Small](#)

Linden *Tilia* species [2]

The pyramidal growth is perfect for areas tight on space. Prone to Cottony Maple Scale. Over-used in landscape design. Lindens are sensitive to salt and do not tolerate drought. Fragrant flowers in spring. Yellow fall color, Mongolian Linden having the nicest. Mongolian also has exfoliating bark and golden buds, considered ornamental interest.




**American Linden** *Tilia americana*  
**Height:** 60’  
**Spread:** 40’  
**Recommended:** American Sentry, Boulevard, Frontyard, Redmond




**Boulevard:** [Large](#)

**Hybrid Linden** *Tilia x flavescens*  
**Height:** 50’  
**Spread:** 30’  
**Recommended:** Dropmore, Glenleven




**Boulevard:** [Medium](#)

**Littleleaf Linden** *Tilia cordata*  
**Height:** 35’  
**Spread:** 30’  
**Recommended:** Corinthian, Greenspire, Norlin, Shamrock



**Boulevard:** [Medium](#)

**Mongolian Linden** *Tilia mongolica*  
**Height:** 30’  
**Spread:** 25’  
**Recommended:** Harvest Gold



**Boulevard:** [Medium](#)

\*Locust, Black *Robinia pseudoacacia* [1]

Plant in a sheltered location. Deep pink flowers late May thru June. Foliage first appears red, turning to green. Suckering can be an issue. Spines can be found at the leaf base.




**Height:** 50’  
**Spread:** 35’  
**Shape:** Oval  
**Moisture:** Dry - Moist  
**Salt Tolerance:** Tolerant  
**Fall Color:** Yellow  
**Boulevard:** [Medium](#)  
**Recommended:** Purple Robe



\*Maackia, Amur *Maackia amurensis* [1]

White flowers bloom mid-summer. Showy bark provides winter interest.

**Height:** 25’  
**Spread:** 20’  
**Shape:** Vase  
**Recommended:** Summertime



**Moisture:** Dry - Moist  
**Salt Tolerance:** Moderate  
**Fall Color:** NA  
**Boulevard:** [Small](#)

Maple, Amur *Acer ginnala* [2]

Use tree wrap to protect the bark during the winter months.



**Height:** 20’  
**Spread:** 15’  
**Shape:** Spreading  
**Moisture:** Dry - Moist  
**Salt Tolerance:** Sensitive  
**Fall Color:** Red - Orange  
**Boulevard:** [Small](#)  
**Recommended:** Embers, Flame



Maple, Freeman Hybrid *Acer x freemanii* [2]

Sienna Glen is more resistant to frost crack and sunscald. Use tree wrap to protect the bark during the winter months.



**Height:** 50’  
**Spread:** 40’  
**Shape:** Oval  
**Moisture:** Dry - Wet  
**Salt Tolerance:** Moderate  
**Fall Color:** Red - Orange  
**Boulevard:** [Extra Large](#)  
**Recommended:** Firefall (seedless), Marmo, Sienna Glen



Maple, Norway *Acer platanoides* [2]

Prefer sheltered location. Very prone to sunscald and frost cracks. Use tree wrap to protect the bark during the winter months.




**Height:** 50’  
**Spread:** 40’  
**Shape:** Round  
**Moisture:** Moist  
**Salt Tolerance:** Moderate  
**Fall Color:** Yellow  
**Boulevard:** [Medium](#)  
**Recommended:** Crimson King, Crimson Sentry, Deborah, Emerald Lustre, Emerald Queen



Maple, Red *Acer rubrum* [2]

Prefers acidic soil and a sheltered location. Very prone to sunscald and frost cracks. Use tree wrap to protect the bark during the winter months.

**Height:** 50’  
**Spread:** 40’  
**Shape:** Oval  
**Recommended:** Autumn Spire (seedless), Northern Source, Northfire, Northwood (seedless), Scarlet Jewell (seedless)



**Moisture:** Moist  
**Salt Tolerance:** Sensitive  
**Fall Color:** Red  
**Boulevard:** [Medium](#)

Maple, Silver *Acer saccharinum* [2]

Iron Chlorosis can be a major problem when planted in high alkaline soils. Use tree wrap to protect the bark during the winter months.



**Height:** 50’  
**Spread:** 40’  
**Shape:** Oval  
**Moisture:** Dry - Wet  
**Salt Tolerance:** Sensitive  
**Fall Color:** Yellow  
**Boulevard:** [Extra Large](#)  
**Recommended:** Silver Cloud, Silver Queen

